PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
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## UTILITY PATENT APPLICATION TRANSMITTAL

Signature

Attomey Docket No. 500.39945PX1 Yoshiro KOKURYO First Inventor or Application Identifier

See 1 in Addendum

Express Mail Label No

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Box Patent Application Washington, DC 20231					
X * Fee	Transmittal Form (e.g., PTO/	SB/17)	5.					
X * Fee (Subn (Subn X) Spec (prefe - Des - Cro Stat - Refe - Bac - Brie - Det - Clai - Abs Draw 4. Oath or De a	e Transmittal Form (e.g., PTO/s nit an original and a duplicate for fee diffication [Total of the Invention of the Invention of Security of the Invention of Description of the Drawings (if ailed Description of the Drawings (if ailed Description of the Invention of Security of the Disclosure of Security of the Disclosure of Security of the Disclosure of Security o	SB/17) processing) Pages 47 }  cations od R & D  filed)  Pages 1   1   1   1   1   1   1   1   1   1	7.[ 8.[ 9.[ 10.[ 11.[	Microfiche Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Copy  b. Paper Copy (identical to computer copy)  c. Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  Assignment Papers (cover sheet & document(s))  37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney  English Translation Document (if applicable)  Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  Preliminary Amendment  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  * Small Entity Statement filed in prior application				
* NOTE FOR ITE	Signed statement att inventor(s) named in the see 37 C.F.R. §§ 1.63(MS 1 & 13 IN ORDER TO BE ENTITLED	ne prior application, (d)(2) and 1.33(b).	] 14. ] 15.	(if foreign priority is claimed)				
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).								
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:    Continuation   Divisional   Continuation-in-part (CIP)   Of prior application No:   /								
	17.	CORRESPONDE	NCE	ADDRESS				
X Customer	Number or Bar Code Labe I (Insert	02045 Customer No. or Attac		or Correspondence address below r code label here)				
Name								
Address								
City		State		Zip Code				
Country		Telephone		Fax				
Name (Prin	t/Туре) Alan E. Sehiayelli			Registration No. (Attorney/Agent) 32,087				

Date

04-02-01

Burden Hour Statement: This form as estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL	Co	72,	
ILL IIVANOMIIIIAL	Application Number		S2
for FY 2000	Filing Date	April 2, 2001	2% 80°C
Patent fees are subject to annual revision.	First Named Inventor	Yoshiro KOKURYO	46
Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name		) 10 ()
See 37 C.F.R. §§ 1.27 and 1.28.	Group / Art Unit		
TOTAL AMOUNT OF PAYMENT (\$\710.00	Attamair Daglest No.	500 200/5PV1	

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METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES						
Deposit	Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	Fee Paid					
Account Number 01-2135	105 130 205 65 Surcharge - late filing fee or oath	0.00					
Deposit Account Antonelli Terry Stout&Kraus I I P	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	0.00					
Antonelli, Terry, Stout & Kraus, LLP	139 130 139 130 Non-English specification	0.00					
Charge Any Additional Fee Required	147 2,520 147 2,520 For filing a request for reexamination	0.00					
	112 920* 112 920* Requesting publication of SIR prior to Examiner action	0.00					
2. X Payment Enclosed: Check Money X Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	0.00					
FEE CALCULATION	115 110 215 55 Extension for reply within first month	0.00					
	116 380 216 190 Extension for reply within second month	0.00					
1. BASIC FILING FEE Large Entity Small Entity	117 870 217 435 Extension for reply within third month	0.00					
Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month	0.00					
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month	0.00					
101 690 201 345 Utility filing fee 710.00	119 300 219 150 Notice of Appeal	0.00					
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in support of an appeal	0.00					
107 480 207 240 Plant filing fee  108 690 208 345 Reissue filing fee	121 260 221 130 Request for oral hearing	0.00					
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	0.00					
	140 110 240 55 Petition to revive - unavoidable	0.00					
SUBTOTAL (1) (\$) 710.00	141 1,210 241 605 Petition to revive - unintentional	0.00					
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	0.00					
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee	0.00					
Total Claims 18 -20** = 0 × 18 = 0	144 580 244 290 Plant issue fee	0.00					
Independent 2 - 3** = 0 × 80 = 0	122 130 122 130 Petitions to the Commissioner	0.00					
Multiple Dependent =0	123 50 123 50 Petitions related to provisional applications	0.00					
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt	0.00					
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	0.00					
103 18 203 9 Claims in excess of 20	146 690 246 345 Filling a submission after final rejection (37 CFR § 1.129(a))						
102 78 202 39 Independent claims in excess of 3	149 690 249 345 For each additional invention to be	0.00					
104 260 204 130 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))	0.00					
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)	0.00					
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	0.00					
SUBTOTAL (2) (\$) 0.00	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.	00					

SUBMITTED BY Complete (if applicable)							
Name (Print/Type) Alan E. Schiavelli	Registration No. (Attorney/Agent) 32,028	Telephone	703-312-6600				
Signature		Date	04-02-01				

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WARNING:

## Attachment to PTO/SB/05 (4/98) Utility Patent Application Transmittal

- 1. AUTOMATIC EQUALIZATION CIRCUIT AND RECEIVER CIRCUIT USING THE SAME
- 2. Figs. 1-21
  - Credit Card Payment Form
  - Info. Discl. Sheet Under 37 CFR 1.56 w/refs.